

CLAIMS

1 - Sport shoe with impact absorber system, characterized in that in each sport shoe are included:

(a) absorber set (4) of tubular elements (6, 7, 8) of resilient and/or materials arranged parallel one another and positioned transversely in relation to the longitudinal axis of the shoe;

(b) walls (5) placed laterally in the impact absorber (4) , closing each absorber (4) in its both side extremities.

2 - Sport shoe, in accordance with claim 1, characterized in that each sport shoe can comprise:

(a) 1 absorber set (4) located in the heel region (see figure 4);

(b) 2 absorber sets (4) located: 1 in the heel and the other in the front third of the sport shoe (see figure 5);

(c) 3 absorber sets (4) located throughout the whole sole of the sport shoe (see figure 6);

(d) absorber sets (4) which can be arranged parallel or not one another, and be installed in special positions depending on peculiar specifications.

3 - Sport shoe, in accordance with any of the claims 1 or 2, characterized in that it comprises absorber set(s) (4) these having tubular elements (6, 7, 8) which can be:

(a) elliptical, circular, or compounds as to their transversal cross section;

(b) of similar or different size, wall thickness, flexibility;

(c) manufactured of a number of materials, as plastics, resin,

flexible polymers, fiberglass, graphite, carbon or any other material which is adequate to the function to be exerted;

(d) manufactured of diverse elements in their interior, as nylon foam, original solid material or worked for the absorption, air, gas, under
5 pressure and any other material adequate to each destination; and

(e) arranged side by side or near one another, these distances being regulars or irregulars.